

# XP-002097795

I/1 - (C) WPI / DERWENT  
AN - 72-65506T §41!  
PR - SU70 439308 700322  
TI - Cellulose esters - by treating cellulose with a simple or mixed alkylating agent and sulphating with a fluorosulphonate  
IW - CELLULOSE TREAT CELLULOSE SIMPLE MIX ALKYLATED AGENT SULPHATED FLUOROSULPHONATE  
PA - (MOS -N) MOSCOW GUBKIN PETROCHEMIE  
PN - SU328094 A 000000 DW7241 000pp  
ORD - 1900-00-00  
IC - CQ6B13/00  
PS - CPI  
DC - All  
AB - SU-328094 Cellulose esters are prep'd. by treating cellulose with an alkylating, hydroxyalkylating or carboxymethylating agent in aq. alkali, and the sulphate group introduced by simultaneous or subsequent treatment with ammonium or alkali metal fluosulphate, e.g. in an organic solvent such as benzene plus ethanol. The products have improved solubility in various solvents. Thus a methyl cellulose dissolves in water at a degree of substitution of 170, and cellulose sulphate at one of 45, while methyl cellulose sulphate does so when the degree of substitution by methoxy groups is 26, and by sulphate groups 12.